

**Abstract of the Disclosure**

A stochastic processor and a stochastic computer comprises a fluctuation generator configured to generate and output analog quantity having fluctuation comprised of chaos of tent mapping, a mixer configured to output a fluctuation superposed signal with the analog quantity output from the fluctuation generator superposed on an input signal represented by analog quantity and a thresholding unit configured to perform thresholding on the fluctuation superposed signal output from the mixer to generate and output a pulse.